

32.50

Work Order ID 123504 - 1

123504

Page 1

Thursday, August 07, 2014 11:17:12 AM

Item ID: D3552-23

Revision ID:

Item Name: Door Prop

Start Date: 8/07/14

Start Qty: 15.00

15

Required Date: 8/07/14

Req'd Qty: 15.00

15

Reference:

Accept

N900040100

Setup Start

NS1

Stop

NS2

Cust Item ID:

Customer:

Approvals:

Process Plan: WLS

Date: 14-08-08

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

NR1

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3552

K

100

0.00

100

Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O: 25363

Purchase Part Number: B6-190-475-070N

Supplier: LS Technologies

Certificate of conformity is required

mg 14/8/12

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

Ensure certificate of conformity is attached

15x SP14-8-13
Payroll

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

Quality Control

Test for correct pressure

DAS
38
9-89

1
Pro
MR 14-4202

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

| | | |
|--|--|---|
| Work Order: _____ Part No. _____ NCR No. _____ | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/> | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> |
|--|--|---|

| Root Cause | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Design | | | | | | | | | |
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Handling/Pre | | | | | | | | | |
| Material | | | | | | | | | |
| Operator | | | | | | | | | |
| Offset/Setup | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Transport | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | | |
|--|--|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |
|--|--|---|--|

Work Order ID 123504

Thursday, August 07, 2014 11:17:12 AM

123504

Page 2

Item ID: D3552-23 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Door Prop
 Start Date: 8/07/14 Start Qty: 15.00 ***15*** Cust Item ID:
 Required Date: 8/07/14 Req'd Qty: 15.00 ***15*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--|----------------------|---------|--------|--------------|---------------|--|------------------|----------------|
| 130 | Identify as per dwg & Stock Location: <u>ST363</u> | 0.00 | | | | | | | |
| *130* | | | | | | | | | |
| Packaging | Memo | 0.00 | | | | <u>1X</u> | <u>DAS</u> <u>28</u> <u>9-89</u> | SEP 11 2014 | |
| Packaging | | | | | | | | | |
| 140 | QC21- Final Inspection - Work Order Release | 0.00 | | | | | | | |
| *140* | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

14/9/12
MF
14-9-11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

| | | |
|--|--|---|
| Work Order: _____ Part No. _____ NCR No. _____ | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/> | AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div> |
|--|--|---|

| Root Cause | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Design | | | | | | | | | |
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Handling/Pre | | | | | | | | | |
| Material | | | | | | | | | |
| Operator | | | | | | | | | |
| Offset/Setup | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Transport | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | | |
|--|--|---|---|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other _____ _____ _____ |
|--|--|---|---|

Picklist Print

Thursday, August 07, 2014 11:17:12 AM

Page 1

Work Order ID: 123504

123504

Parent Item: D3552-23

D3552-23

Parent Item Name: Door Prop

Start Date: 8/07/14

Required Date: 8/07/14

Start Qty: 15.00

Required Qty: 15.00

Comments: IPP Rev:A 11.04.07 new issue DD verf:EC

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| B6-190-475-070N | | Purchased | | | No | | Each | 0.0000 | | 15 | | | |

B6-190-475-070N

Door Prop

15x 14-8-13. SP.

P-04/9/10 ①

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

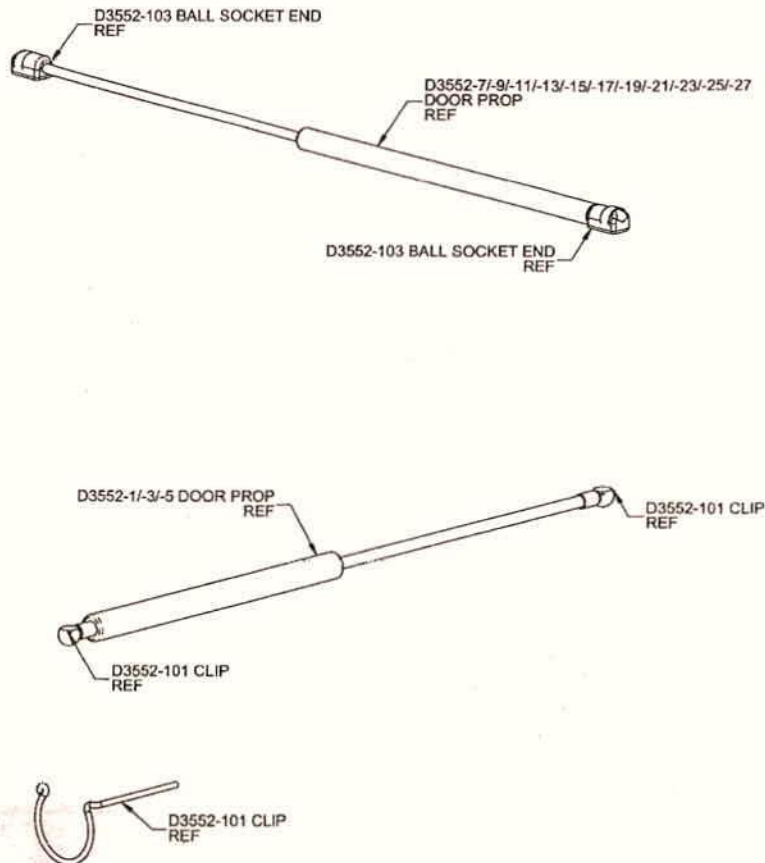
| | | | | | | | | | | | | | | | | | | |
|--|--|---|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____ Part No. _____ NCR No. _____ | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/> | AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | |
| Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | | | | | | | | | | | | | | | | |

| Root Cause | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Design | | | | | | | | | |
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Handling/Pre | | | | | | | | | |
| Material | | | | | | | | | |
| Operator | | | | | | | | | |
| Offset/Setup | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Transport | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | | |
|--|--|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |
|--|--|---|--|

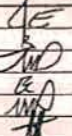
SPECIFICATION CONTROL DRAWING

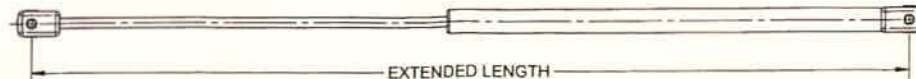


SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO 123 504 MW
14-08-08

RELEASED
2012-07-24

| | | | |
|------------|--|---|----------|
| K | ADD "X" TO LS TECHNOLOGIES P/Ns TO DESIGNATE "EXTRA DAMPING" FOR D3552-15/-17/-19/-25/-27. REASON: PART 2-09. | MB | 12.07.16 |
| J | ADD P/N D3552-25/-27. REMOVE ALTERNATE PART NUMBER FOR -15, -17 AND -19. STROKE FOR -15, -17 AND -19 WAS 139/5.06 NOW 154/5.06. EXTENDED LENGTH FOR -15, -17 AND -19 WAS 386/15.2 NOW 387/15.2. | AP | 11.12.07 |
| I | ADD P/N D3552-23 | RF | 11.10.11 |
| H | ADD P/N D3552-21 | DC | 11.03.10 |
| G | FOR -15, FORCE-300/ET 4 WAS 400/89.9, SUPPLIER P/N B8-154-387-302N WAS B8-154-387-400N. FOR -17, STROKE 139/5.47 WAS 160/6.30. EXT LG: 386/15.2 WAS 407/16.0. SUPPLIER P/N B8-154-387-156N WAS B8-167-408-156N | JPH | 10.11.01 |
| F | ADD P/N D3552-15/-17/-19 AND ALTERNATE SUPPLIER | JPH | 10.07.27 |
| E | ADD P/N D3552-13 ZN B8-1, A8-1, D5-1. CHANGE NAME FROM "GAS SPRING" TO "DOOR PROP" THROUGH OUT DWG | HS | 10.02.03 |
| D | ADD P/N D3552-101 ZN D8-1, C7-1, C1-1 AND D3552-103 ZN D1-1 AND C2-1 AND ZN B8-1. ADD NOTE REGARDING D3552-101 AND D3552-103 COMPATIBILITY ZN A8-1 | HS | 09.04.02 |
| C | ADD D3552-11 AND CONVERSIONS FOR INSPECTION: UPDATE P/N FOR D3552-7 | LE | 07.06.01 |
| B | ADD D3552-7/-9; UPDATE DESC. D3552-1A-3A-5 | LE | 06.10.24 |
| A | NEW ISSUE | LE | 06.09.16 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN |  | <div>DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA</div> <div>DRAWING NO. D3552</div> <div>TITLE DOOR PROP</div> <div>DATE 12.07.16</div> <div><small>© 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED AND CONTAINS NO INFORMATION THAT IS NOT TO BE RELEASED FOR ANY PURPOSE OR COUNTRY OR COUNTRY'S USE TO ANY OTHER COUNTRY WITHOUT</small></div> | |
| DRAWN | | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR. | | REV. K SHEET 1 OF 2 SCALE NTS | |



| DART PART NUMBER | DESCRIPTION | STROKE (mm/in) | EXTENDED LENGTH (mm/in) | FORCE (N/lb) | END FITTING | MATERIAL | SUPPLIER | SUPPLIER PART NUMBER OR MODEL NUMBER |
|------------------|---------------------------|----------------|-------------------------|--------------|------------------------|--------------|-----------------|--------------------------------------|
| D3552-1 | DOOR PROP | 220/8.66 | 530/20.6 | 70/15.7 | 10mm SS BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | C8-220-530-070N |
| D3552-3 | DOOR PROP | 200/7.87 | 490/19.3 | 200/45.0 | 10mm SS BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | C8-200-490-200N |
| D3552-5 | DOOR PROP | 175/6.89 | 430/16.9 | 150/33.7 | 10mm SS BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | C8-175-430-150N |
| D3552-7 | DOOR PROP | 220/8.66 | 530/20.9 | 70/15.7 | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-220-530-070N |
| D3552-9 | DOOR PROP | 200/7.87 | 490/19.3 | 200/45.0 | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-200-490-200N |
| D3552-11 | DOOR PROP | 240/9.45 | 575/22.6 | 150/33.7 | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-240-575-150N |
| D3552-13 | DOOR PROP | 220/8.66 | 530/20.9 | 140/31.5 | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B6-220-530-140N |
| D3552-15 | DOOR PROP W/EXTRA DAMPING | 154/6.06 | 387/15.2 | 300/67.4 | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-154-387-300NX |
| D3552-17 | DOOR PROP W/EXTRA DAMPING | 154/6.06 | 387/15.2 | 156/35.1 | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-154-387-156NX |
| D3552-19 | DOOR PROP W/EXTRA DAMPING | 154/6.06 | 387/15.2 | 60/13.5 | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-154-387-060NX |
| D3552-21 | DOOR PROP | 167/6.57 | 410/16.1 | 70/15.7 | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B6-167-410-070N |
| D3552-23 | DOOR PROP | 190/7.48 | 475/18.7 | 70/15.7 | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B6-190-475-070N |
| D3552-25 | DOOR PROP W/EXTRA DAMPING | 148/5.83 | 475/18.7 | 300/67.4 | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-148-475-300NX |
| D3552-27 | DOOR PROP W/EXTRA DAMPING | 148/5.83 | 475/18.7 | 156/35.1 | 10mm NYLON BALL SOCKET | CARBON STEEL | LS TECHNOLOGIES | B8-148-475-156NX |
| 2 D3552-101 | CLIP | N/A | N/A | N/A | N/A | CARBON STEEL | LS TECHNOLOGIES | C9 |
| 3 D3552-103 | BALL SOCKET END | N/A | N/A | N/A | N/A | NYLON | LS TECHNOLOGIES | B10 |

D3552-X DOOR PROP

RELEASED
2012-07-24

NOTES:

- 1) IDENTIFICATION: IDENTIFY PER QSI 044 6.2
- 2) D3552-101 CLIP IS ONLY COMPATIBLE WITH D3552-1/-3/-5 DOOR PROPS
- 3) D3552-103 BALL SOCKET END IS ONLY COMPATIBLE WITH D3552-7/-9/-11/-13/-15/-17/-19/-21/-23/-25/-27 DOOR PROPS

| | | | |
|---|---|--|--------------|
| DESIGN |  | DART AEROSPACE LTD | |
| DRAWN |  | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED |  | DRAWING NO. | REV. K |
| MFG. APPR. |  | D3552 | SHEET 2 OF 2 |
| APPROVED |  | TITLE | SCALE |
| DE APPR. |  | DOOR PROP | NTS |
| DATE | 12.07.16 | COPYRIGHT © 2006 BY DART AEROSPACE LTD | |
| THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMERCE OR COMMUNICATION TO ANY OTHER PERSON WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD. | | | |



LS Technologies Inc

314 Jessop Ave

Saskatoon, SK, S7N 1Y6

Ph: (306) 683-5000 Fax: (306) 683-6403

Certificate of Compliance

Aug 12, 2014

This is to certify that the parts listed below meets specifications as required by your order.

15 Units : D3552-23 B123504 Gas Spring

Country of Manufacture: Canada

Date of Manufacture : June 2014

This product is ROHS compliant.

Purchase Order # 25363

Invoice # 11596

L S Technologies Inc Canada

A handwritten signature in blue ink, appearing to be 'Nolan Fehr', written over a horizontal line.

Nolan Fehr
Manager



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO25363

Purchase Order Date 8/12/2014

PO Print Date 9/3/2014

Page Number 2 of 2

Order From :

VC-LST0001

LS TECHNOLOGIES INC.
314 JESSOP AVE
SASKATOON, SK S7N 1Y6
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 306 683 5000

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

Buyer

Michael Gregoire

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

EXW - (Ex Works)

| | | | | | | |
|---|----------|----------------------------|-----------|------|--------|--------|
| 3 | 71475-45 | B6-190-475-070N Gas Spring | 8/12/2014 | 1.00 | \$0.00 | \$0.00 |
| | | | No | Each | | |
| | | | 8/19/2014 | | | |

Part being returned for replacement
NCR14-4202
Snag: Soft when being compressed
R123504

EMA11596

Line Total: \$0.00

PO Total: \$487.50

PO Instructions: Fedex Acc#151793240

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 3

Change Date: 9/3/2014

LS TECHNOLOGIES INC

Saskatoon, SK S7N 1Y6

314 Jessop Ave

Saskatoon, SK S7N 1Y6

Ph # (306) 683-5000

Packing Slip

| P.O. No. | Date | Invoice # |
|----------|-----------|-----------|
| 25363 | 9/03/2014 | 11681 |

| Name / Address |
|---|
| Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7 |

| Ship To |
|---|
| Main Finished Goods Location Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7 |

| Ship | Via | FOB |
|-----------|-----|-----|
| 9/03/2014 | UPS | |

| Qty | Description |
|-----|---|
| 1 | D3552-23 rev.K B123504 Gas Spring (B6-190-475-070N) Warranty - RE: NCR14-4202 Shipping - UPS - Tracking # 1ZV659Y22049983304 |
| | |



LS Technologies Inc

314 Jessop Ave

Saskatoon, SK, S7N 1Y6

Ph: (306) 683-5000 Fax: (306) 683-6403

Certificate of Compliance

September 03, 2014

This is to certify that the parts listed below meets specifications as required by your order.

1 Unit : D3552-23 B123504 Gas Spring

Country of Manufacture: Canada

Date of Manufacture : June 2014

This product is ROHS compliant.

Purchase Order # 25363

Invoice # 11681

L S Technologies Inc Canada

A handwritten signature in blue ink, appearing to read 'Nolan Fehr', written over a horizontal line.

Nolan Fehr
Manager